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NEW PETROLEUM REFINING PROCESSES IN THE USSR

DEVELOPMENTS AT [BAKU] PETROLEUM REFINING PLANT IMENI STALIN -- Baku, Bakinskiy, Rabochiy, 30 May 53

Shop No 5 of the Petroleum Refining Plant imeni Stalin is working well. In accordance with a suggestion made by engineer O. Grushko, the temperature at contact refining units was decreased. This resulted in savings of hundreds of tons of fuel per month, a longer period of operation of units between repairs, and a substantial increase in the production of oil.

Unit chief Z. Bagiyev introduced a technological system for the refining of gudron which increased the productive capacity of the unit by 15 percent.

Shop No 5 was the first in the petroleum refining industry to use glass fabric (steklotkan') for oil filters in place of cotton fabric. During the first 25 days of May, the shop produced three trainloads of above-plan petroleum products.

NEW METHOD OF PROCESSING ASPHALTIC BITUMEN AT BATUMI PETROLEUM REFINING PLANT
IMENI STALIN -- Tbilisi, Zarya Vostoka, 4 Jul 53

A high-speed method of boiling asphaltic bitumen has been adopted at the Batumi Petroleum Refining Plant imeni Stalin. The introduction of this method for processing all types of asphaltic bitumen resulted in a doubling of productive capacity at one unit. Moreover, it resulted in a savings of 2 million rubles at the plant during 1952.

This high-speed method of boiling asphaltic bitumen, which was first introduced at the Batumi plant, has been adopted by petroleum enterprises at other locations in the Soviet Union, i.e., Baku, Groznyy, and Ukhta. Thus, the USSR has been able to increase production of asphaltic bitumen without constructing new plants.

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